**QUESTION:**

Query the list of CITY names from **STATION** which have vowels (i.e., a, e, i, o, and u) as both their first and last characters. Your result cannot contain duplicates.

**Input Format**

The **STATION** table is described as follows:

**STATION**

|  |  |
| --- | --- |
| Field | Type |
| ID | NUMBER |
| CITY | VARCHAR(21) |
| STATE | VARCHAR(2) |
| LAT\_N | NUMBER |
| LONG\_W | NUMBER |

where LAT\_N is the northern latitude and LONG\_W is the western longitude.

**ANSWER :**

SELECT DISTINCT city

FROM station

WHERE (city LIKE '%A') AND (city LIKE 'A%' OR city LIKE 'E%' OR city LIKE 'I%' OR city LIKE 'O%' OR city LIKE 'U%' OR city LIKE 'a%' OR city LIKE 'e%' OR city LIKE 'i%' OR city LIKE 'o%' OR city LIKE 'u%') OR

(city LIKE '%E') AND (city LIKE 'A%' OR city LIKE 'E%' OR city LIKE 'I%' OR city LIKE 'O%' OR city LIKE 'U%' OR city LIKE 'a%' OR city LIKE 'e%' OR city LIKE 'i%' OR city LIKE 'o%' OR city LIKE 'u%') OR

(city LIKE '%I') AND (city LIKE 'A%' OR city LIKE 'E%' OR city LIKE 'I%' OR city LIKE 'O%' OR city LIKE 'U%' OR city LIKE 'a%' OR city LIKE 'e%' OR city LIKE 'i%' OR city LIKE 'o%' OR city LIKE 'u%') OR

(city LIKE '%O') AND (city LIKE 'A%' OR city LIKE 'E%' OR city LIKE 'I%' OR city LIKE 'O%' OR city LIKE 'U%' OR city LIKE 'a%' OR city LIKE 'e%' OR city LIKE 'i%' OR city LIKE 'o%' OR city LIKE 'u%') OR

(city LIKE '%U') AND (city LIKE 'A%' OR city LIKE 'E%' OR city LIKE 'I%' OR city LIKE 'O%' OR city LIKE 'U%' OR city LIKE 'a%' OR city LIKE 'e%' OR city LIKE 'i%' OR city LIKE 'o%' OR city LIKE 'u%')